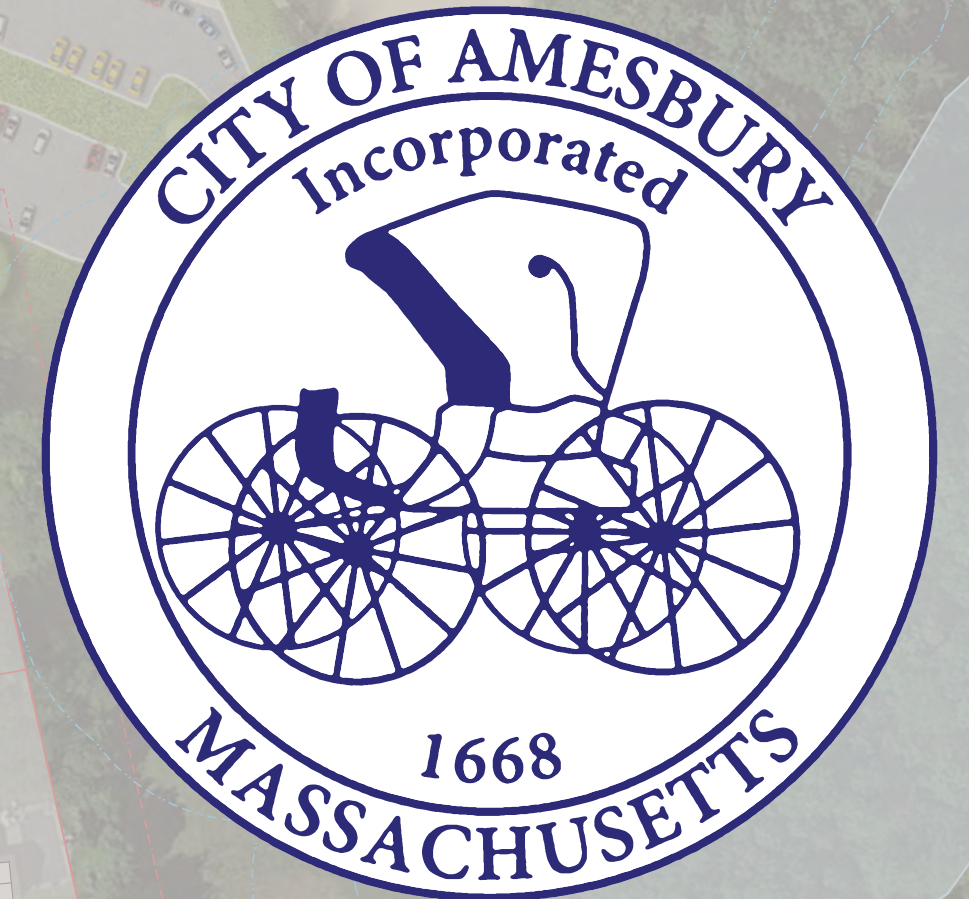




Amesbury School Building Committee December 17, 2020



Amesbury Elementary School

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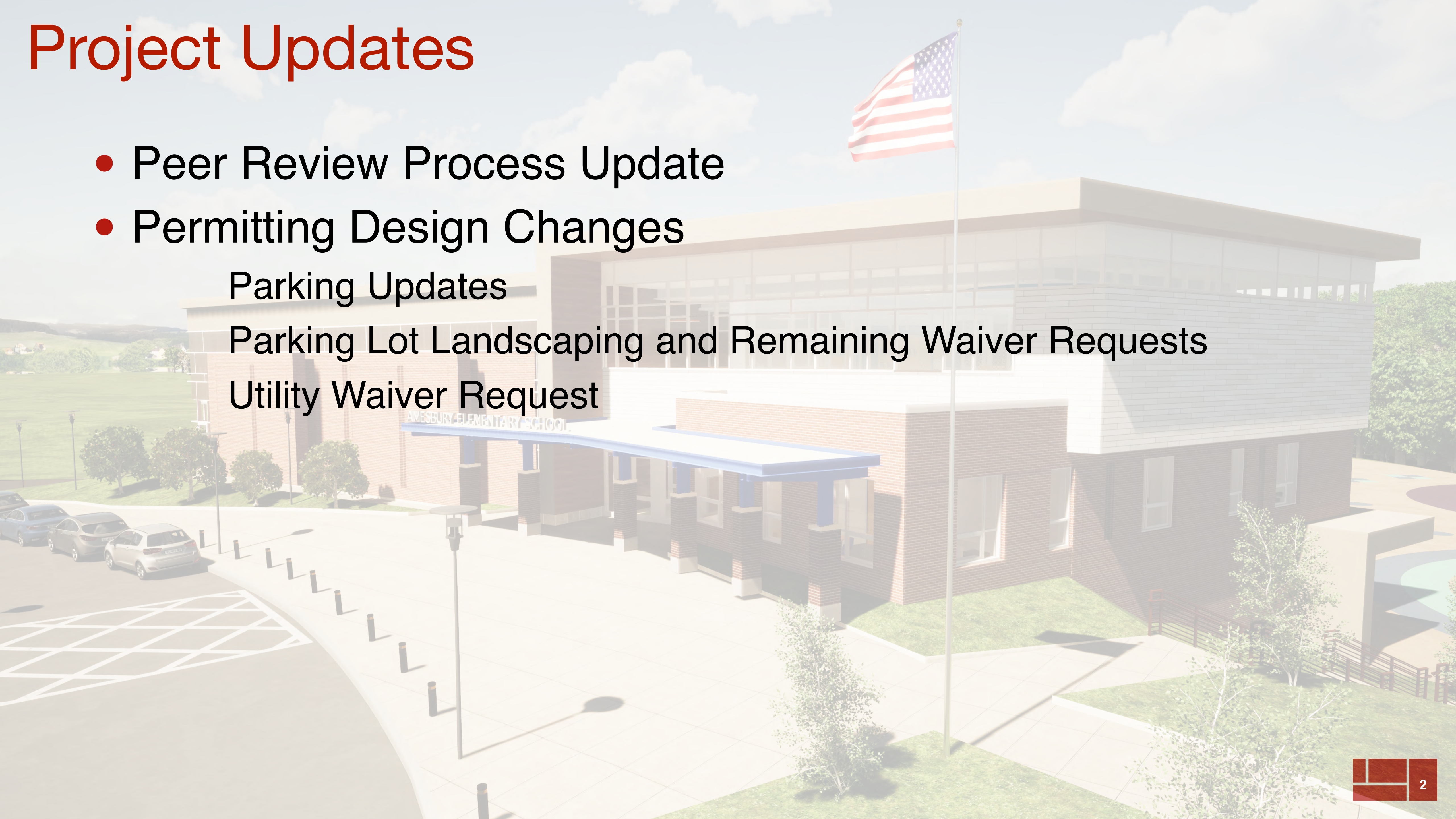
Project Updates

- Peer Review Process Update
- Permitting Design Changes

Parking Updates

Parking Lot Landscaping and Remaining Waiver Requests

Utility Waiver Request

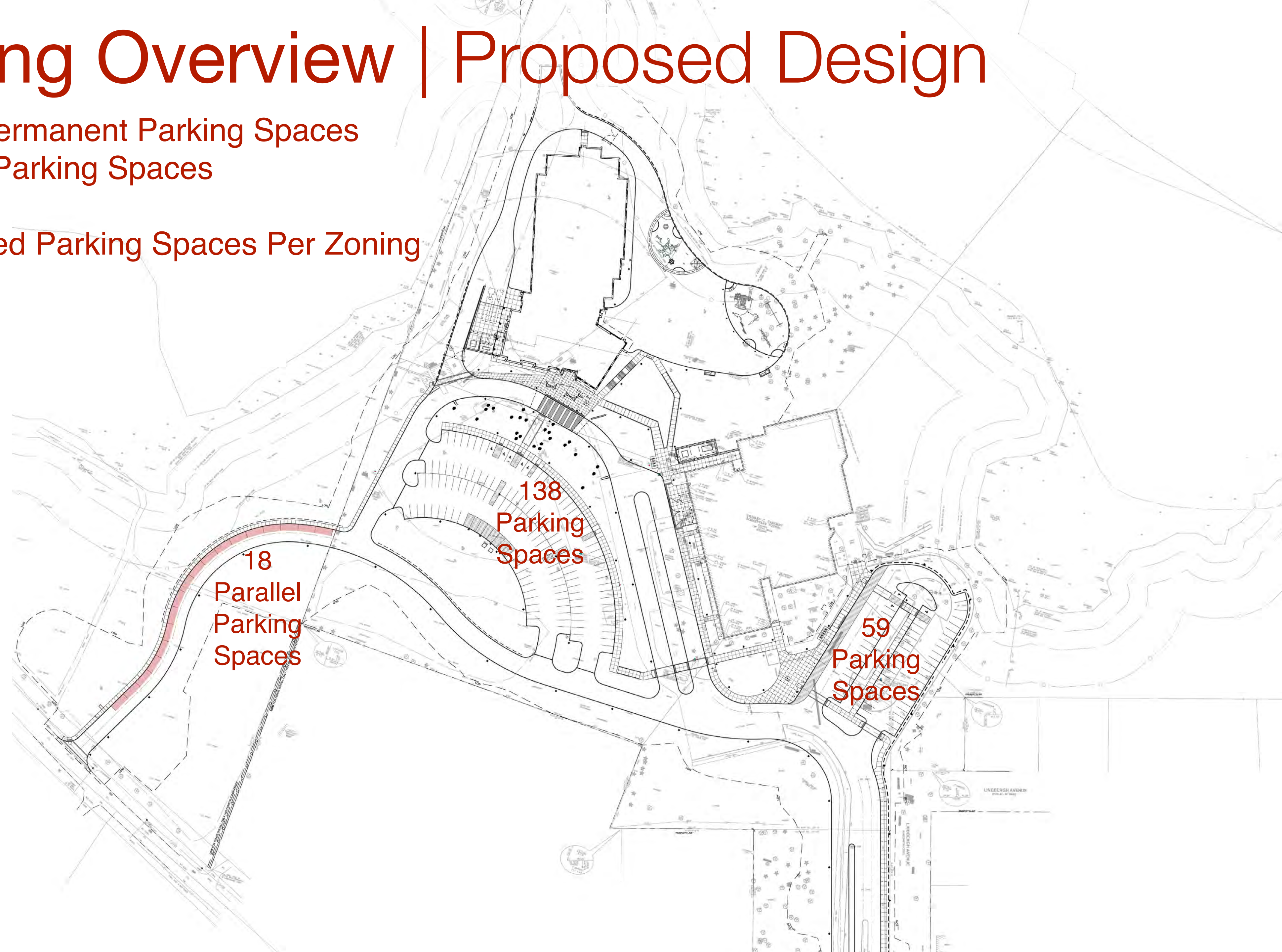


Parking Overview | Proposed Design

197 Total Permanent Parking Spaces

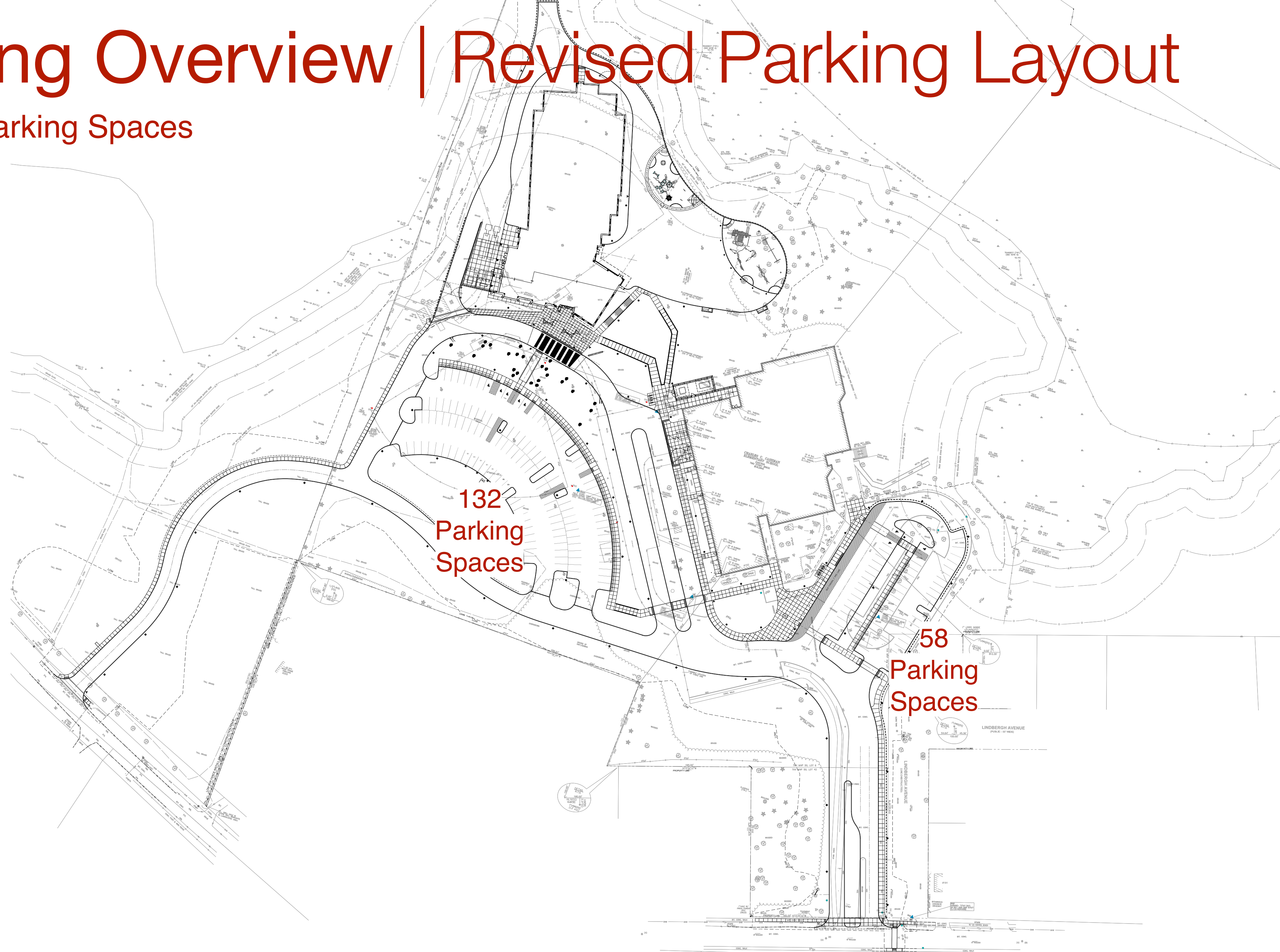
18 Limited Parking Spaces

178 Required Parking Spaces Per Zoning

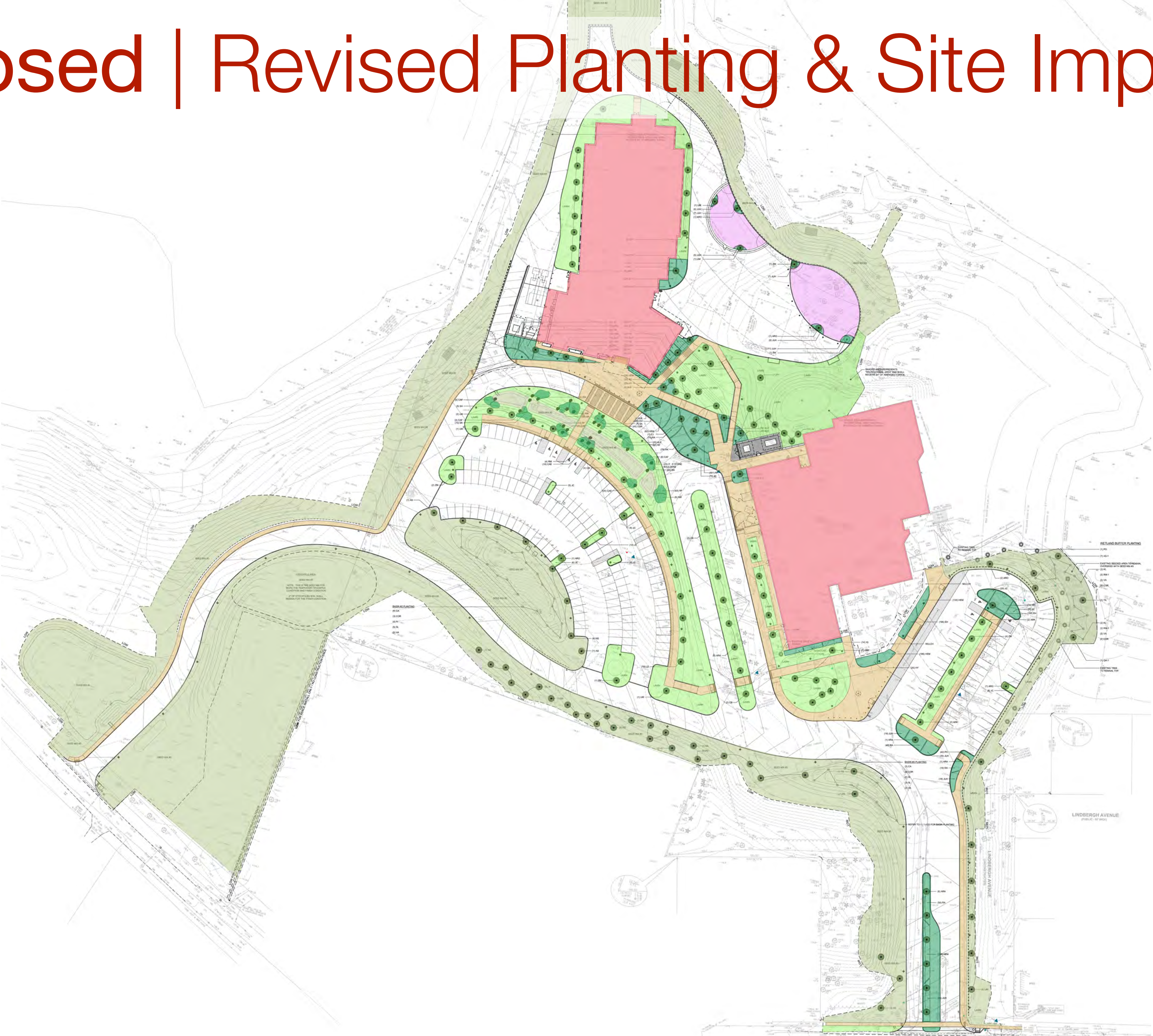


Parking Overview | Revised Parking Layout

190 Total Parking Spaces



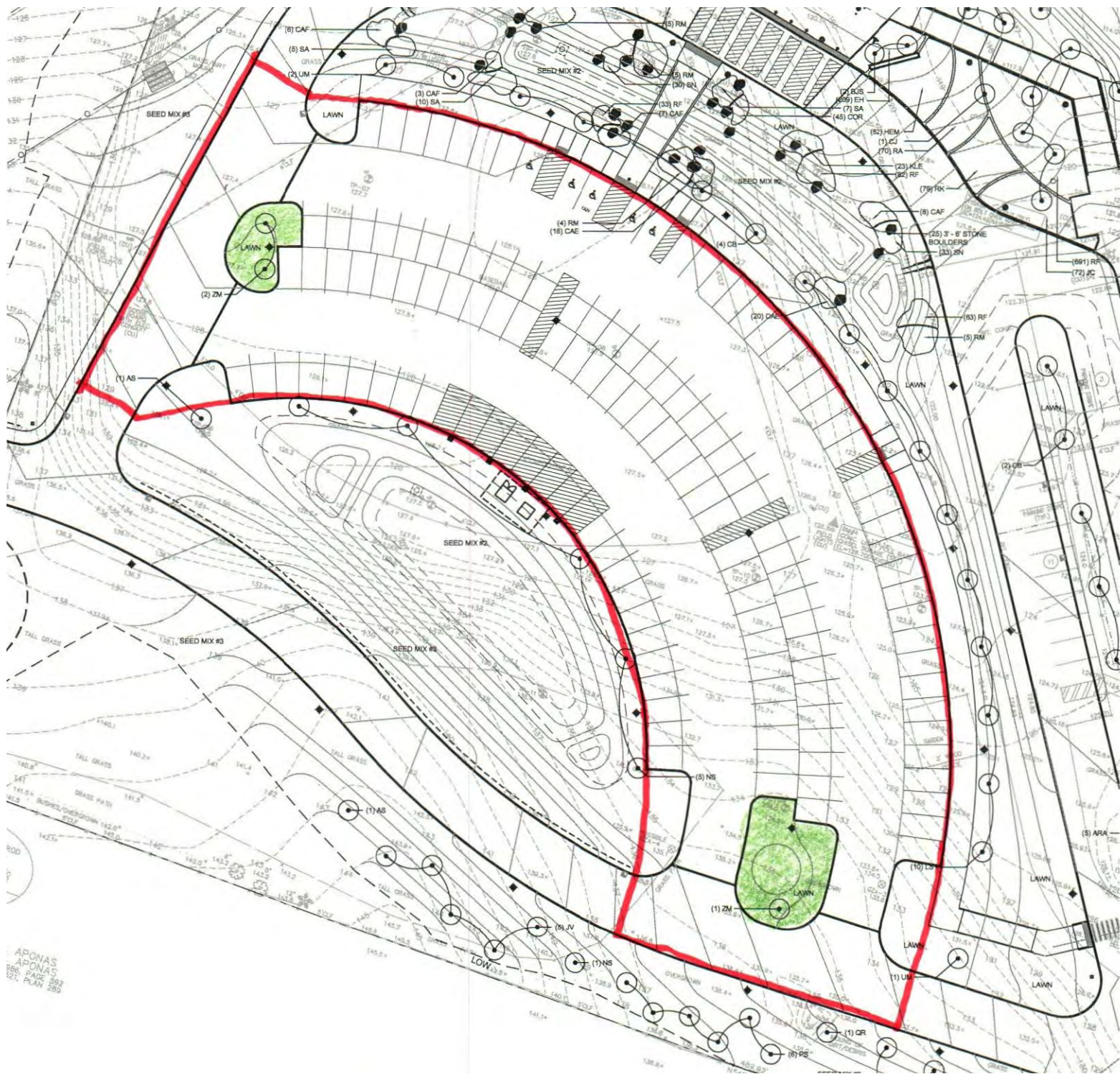
Proposed | Revised Planting & Site Improvements



- LAWN
- CONSERVATION SEED MIX
- TREES
- SHRUBS

Parking Lot Landscaping | Revised (No Waiver)

Previously Proposed:



Revised Proposed:



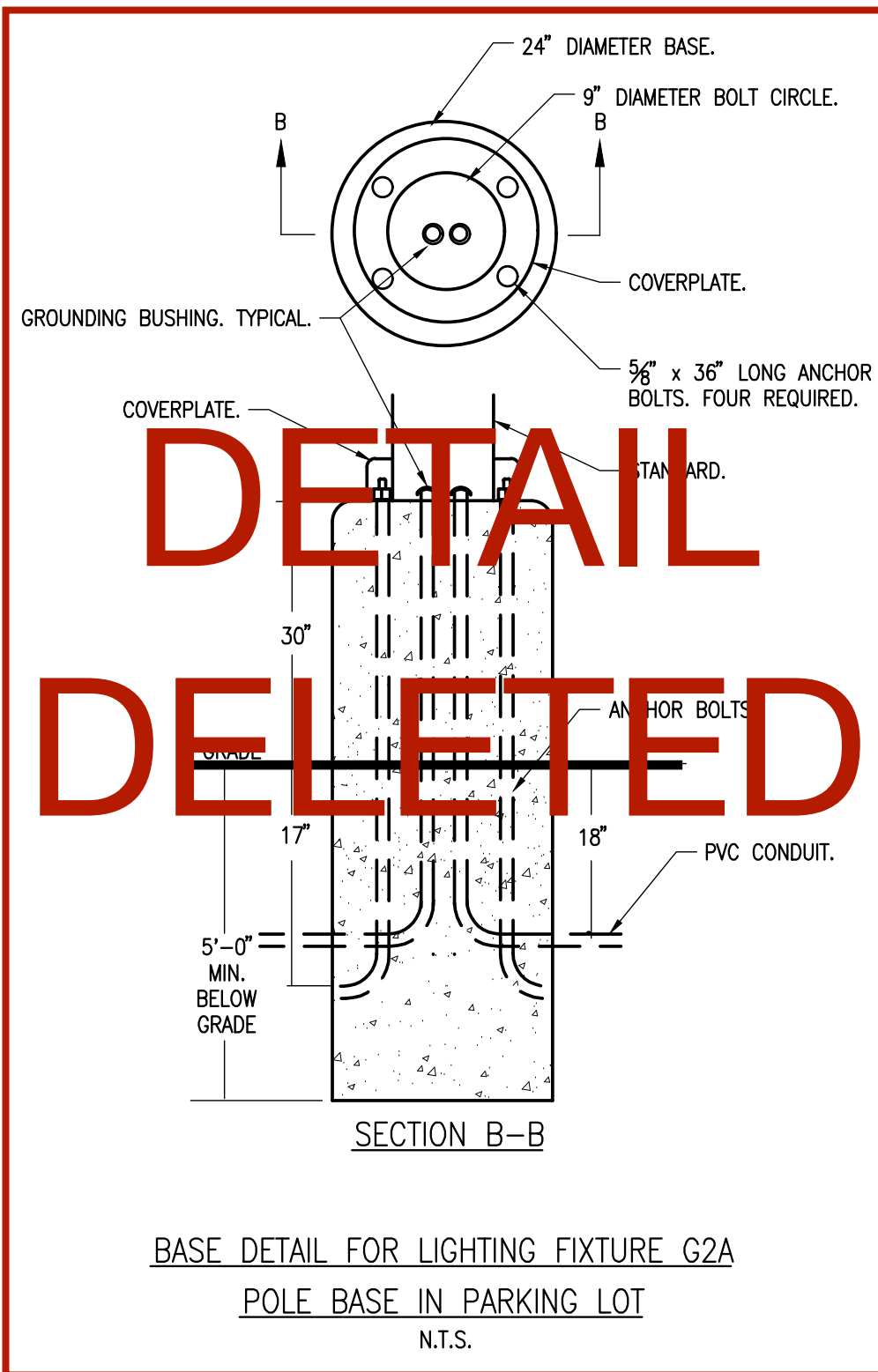
Landscape

	Req'd	Proposed
% of landscaped Area	5%	
Total Parking Area AES (SF)		56,787
Total Landscape Area AES (SF)	2,839	5,334 (9.4%)
Total Parking Area CES (SF)		30,475
Total Landscape Area CES (SF)	1,524	4,988 (16.4%)

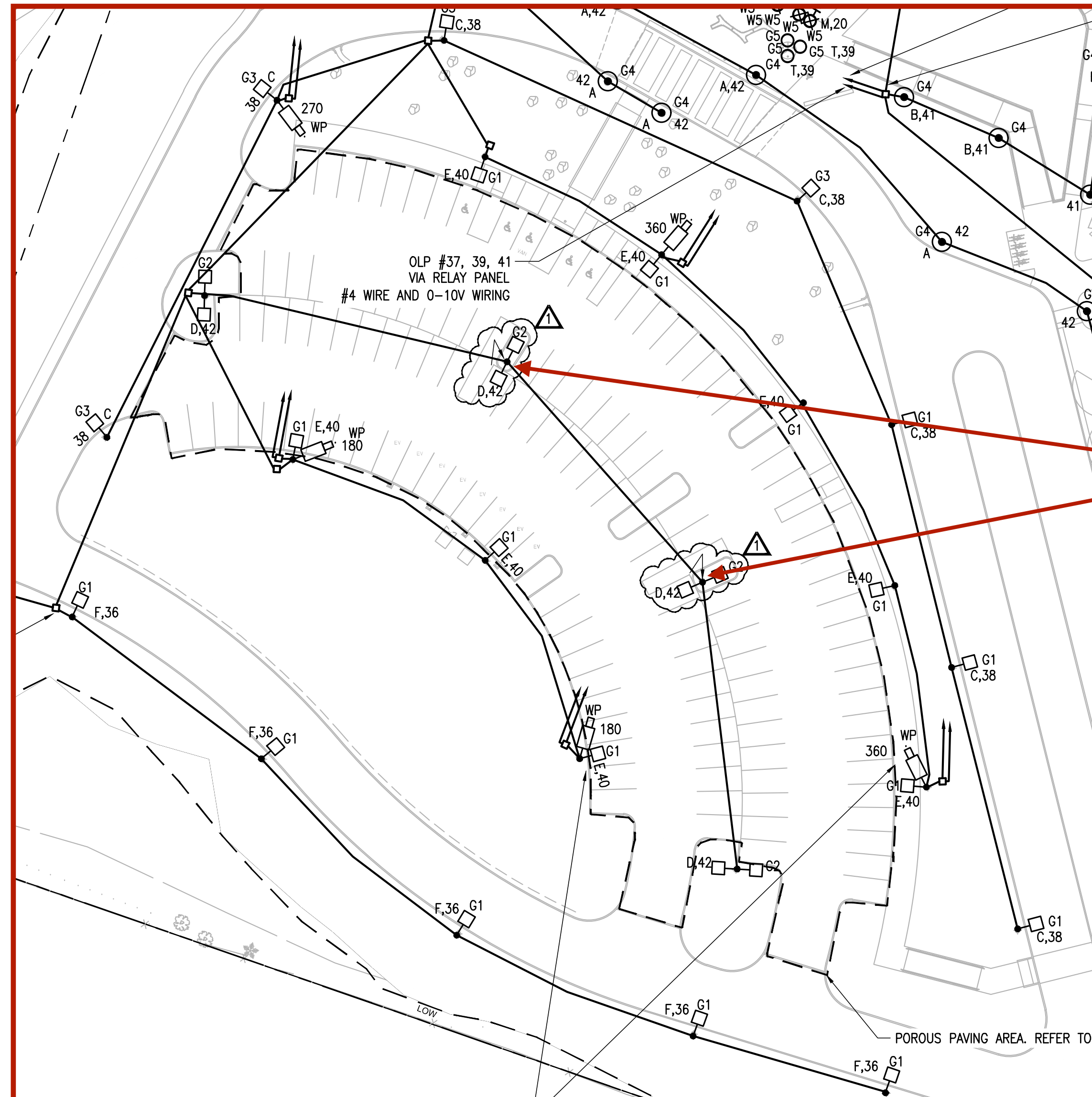
1 Tree per 8 Parking Spaces	Req'd	Proposed
Main Parking Lot	16.5	17
CES Parking Lot	7.25	13

Revised | Parking Lot Base Mounting Details

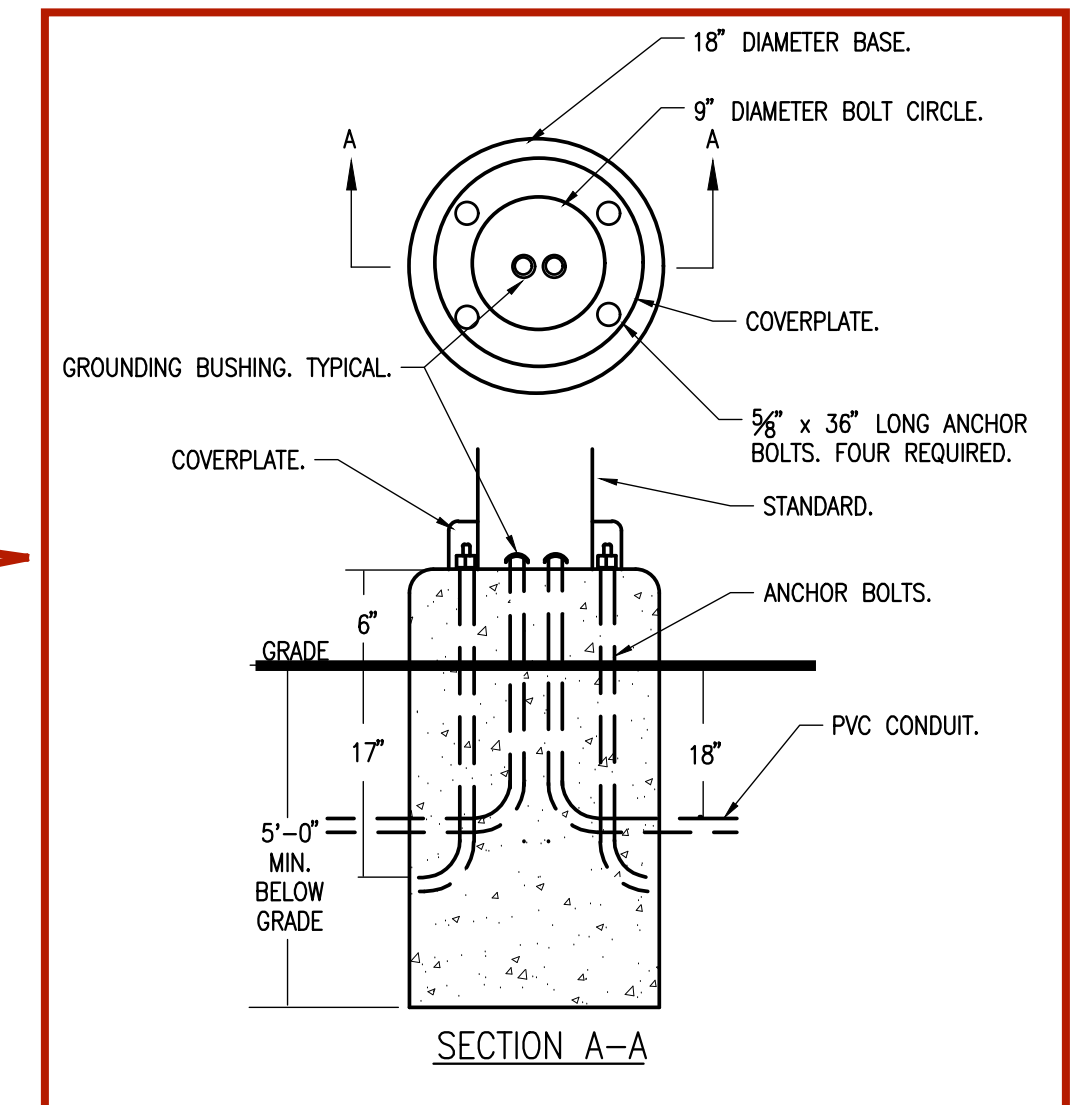
Parking Lot Base:



Previously Proposed Without Islands



Typical Base:
6" above grade



Located on Islands

Waiver Request 2 | Zoning Bylaw Section VIII.G.17

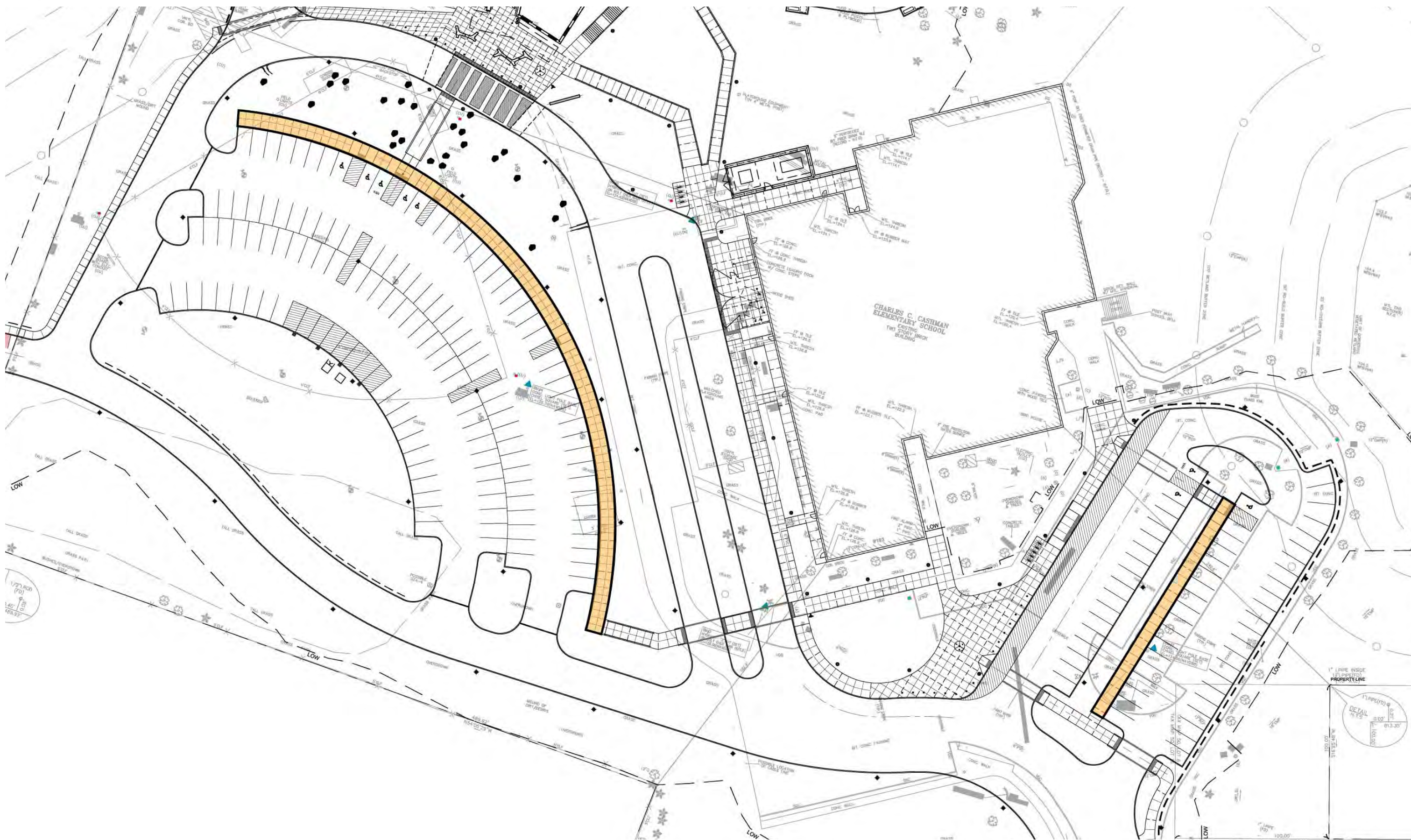
	Required	Proposed
Vehicle Overhang	3 feet	-

AES: The sidewalks abuts the curb. The curb is (6) inches wide and the sidewalk is (10) feet wide for a total of (10) feet (6) inches. With the (3) foot wide overhang for the vehicle there is a clear path of (7) feet (6) inches for pedestrians.

CES: The sidewalks abuts the curb. The curb is (6) inches wide and the sidewalk is (8) feet wide for a total of (8) feet (6) inches. With the (3) foot wide overhang for the vehicle there is a clear path of (5) feet (6) inches for pedestrians.

The DPW has stated that they would prefer that the paving extend to the curb and the sidewalk be widened to accommodate pedestrian movement for ease of maintenance and snow plowing.

Proposed (With Waiver):



Waiver Request 2 | Parking Lot Sidewalk w/ Paint

	Required	Proposed
Vehicle Overhang	3 feet	3 feet

Revised (as presented to Planning Board):

AES: Ten (10) feet of paved area abuts the curb. The curb is 6" wide. Both the curb and 2'-6" of the paved area directly adjacent to the curb (edge of parking) will be painted to denote vehicle overhang area that is not intended for pedestrians. The remainder of unpainted paved area is the dedicated sidewalk at path 7'-6" for pedestrians.

CES: Eight (8) feet of paved area abuts the curb. The curb is 6" wide. Both the curb and 2'-6" of the paved area directly adjacent to the curb (edge of parking) will be painted to denote vehicle overhang area that is not intended for pedestrians. The remainder of unpainted paved area is the dedicated sidewalk at path 5'-6" for pedestrians.

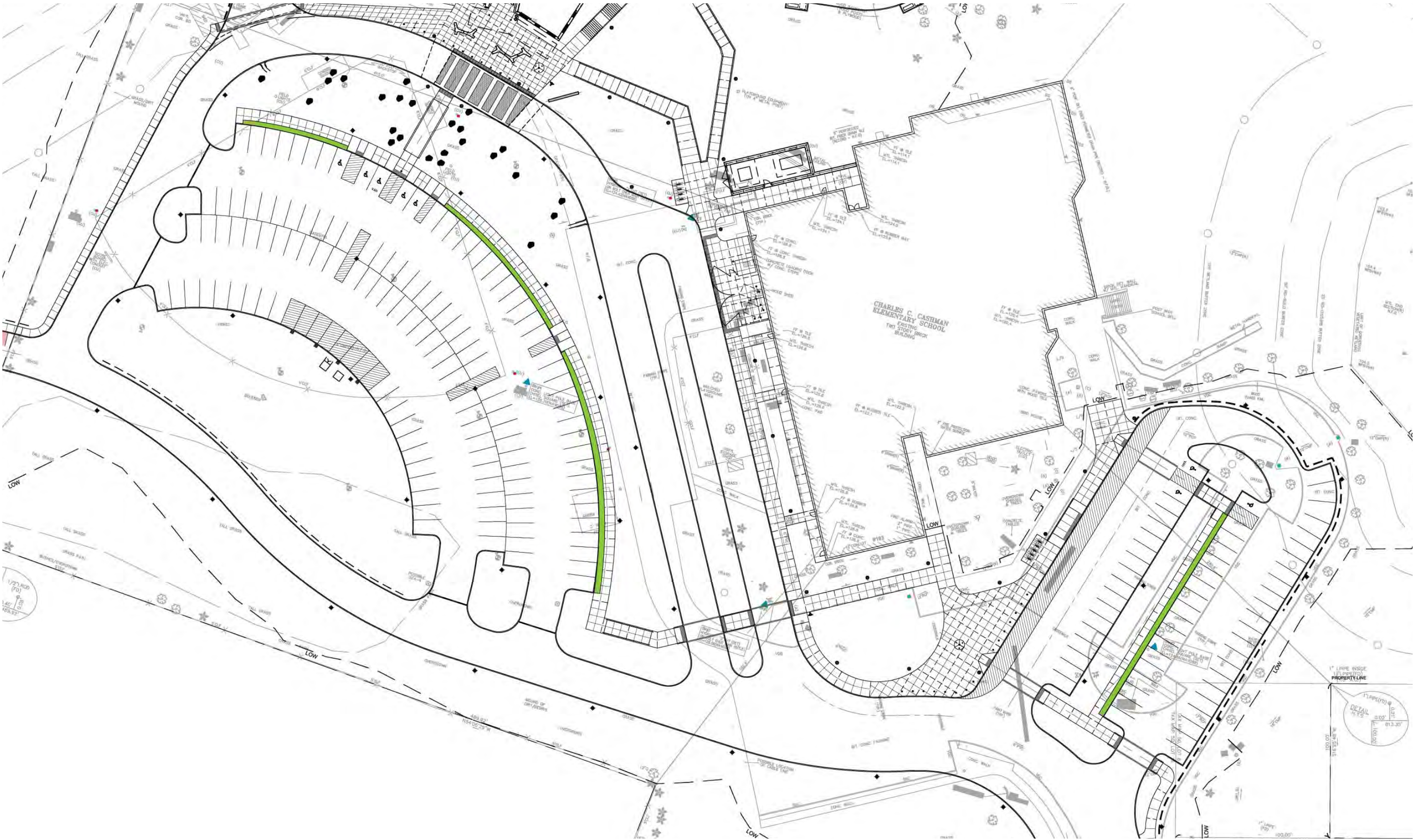
This provides a visual separation of vehicle and pedestrian zones and also meets the DPW's preferred design for ease of maintenance and snow plowing.



Waiver Request 2 | Zoning Bylaw Section VIII.G.17

	Required	Proposed
Vehicle Overhang	3 feet	3 feet

Revised
(No Waiver)



Waiver Request 3 | Pipe Material & Cover

The project is proposing to use HDPE pipe for all drainage pipe. There are only a few isolated incidents where there will be less than 3 feet of cover over the drainpipes. Please note that there is a minimum of 2.5 feet of cover over the pipes with less than the 3 feet required.

After consulting with the City of Amesbury DPW, they are in favor of the HDPE pipe material. DPW regularly uses this pipe throughout the City and acknowledges the benefits of designing a cost-conscious system with modern pipe materials.

	Required	Proposed
Pipe Material	Reinforced Concrete	HDPE
Minimum Cover	3 feet	2.5 feet**

**Peer Review Update - at areas of 2.5 feet cover, RCP will be used

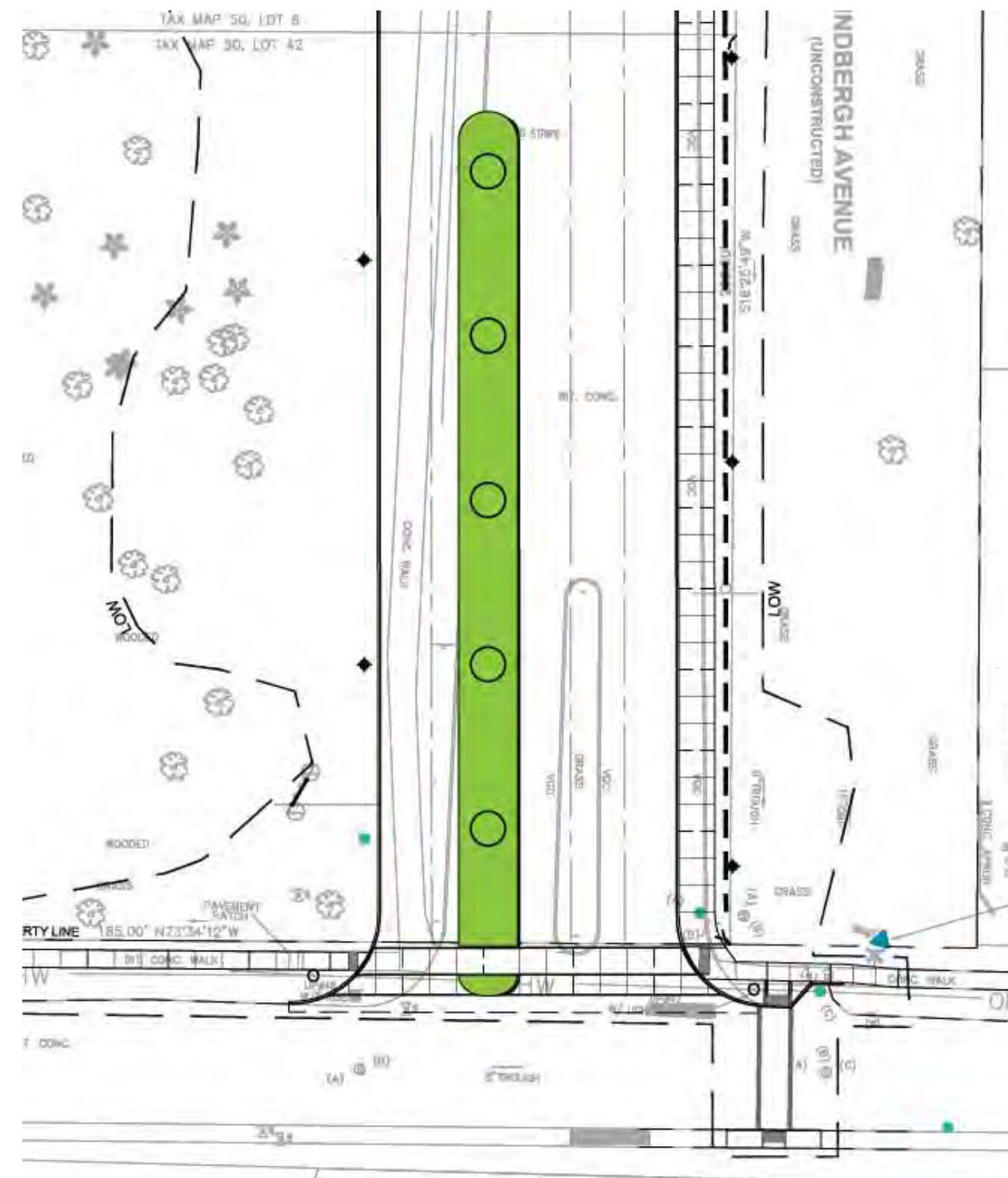
Entry Drive Design | Peer Review 1 Update

Proposed:



2 lanes for exiting - 23' wide

Revised:



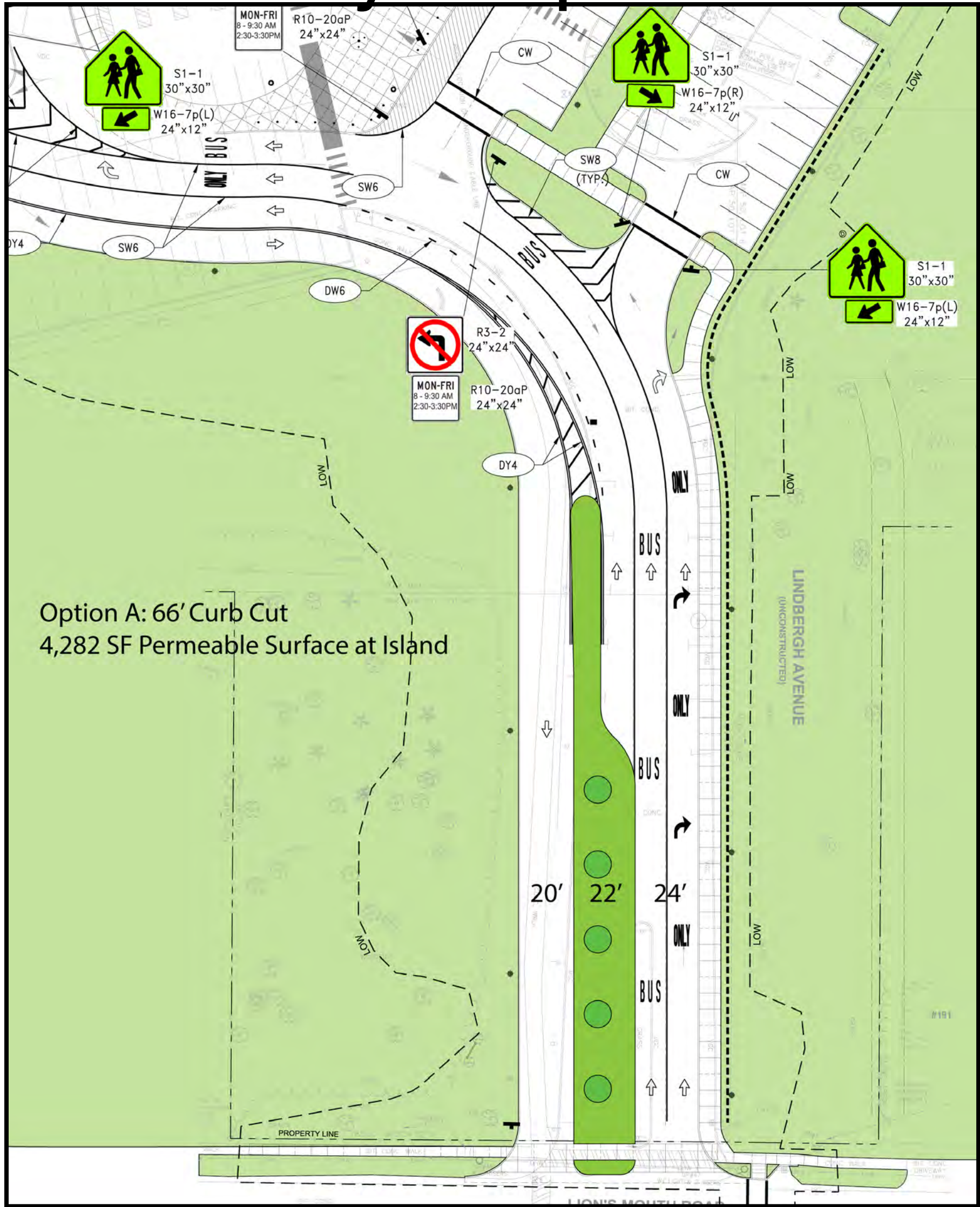
1 lane for exiting - 20' wide
(to accommodate emergency vehicles)

Existing:

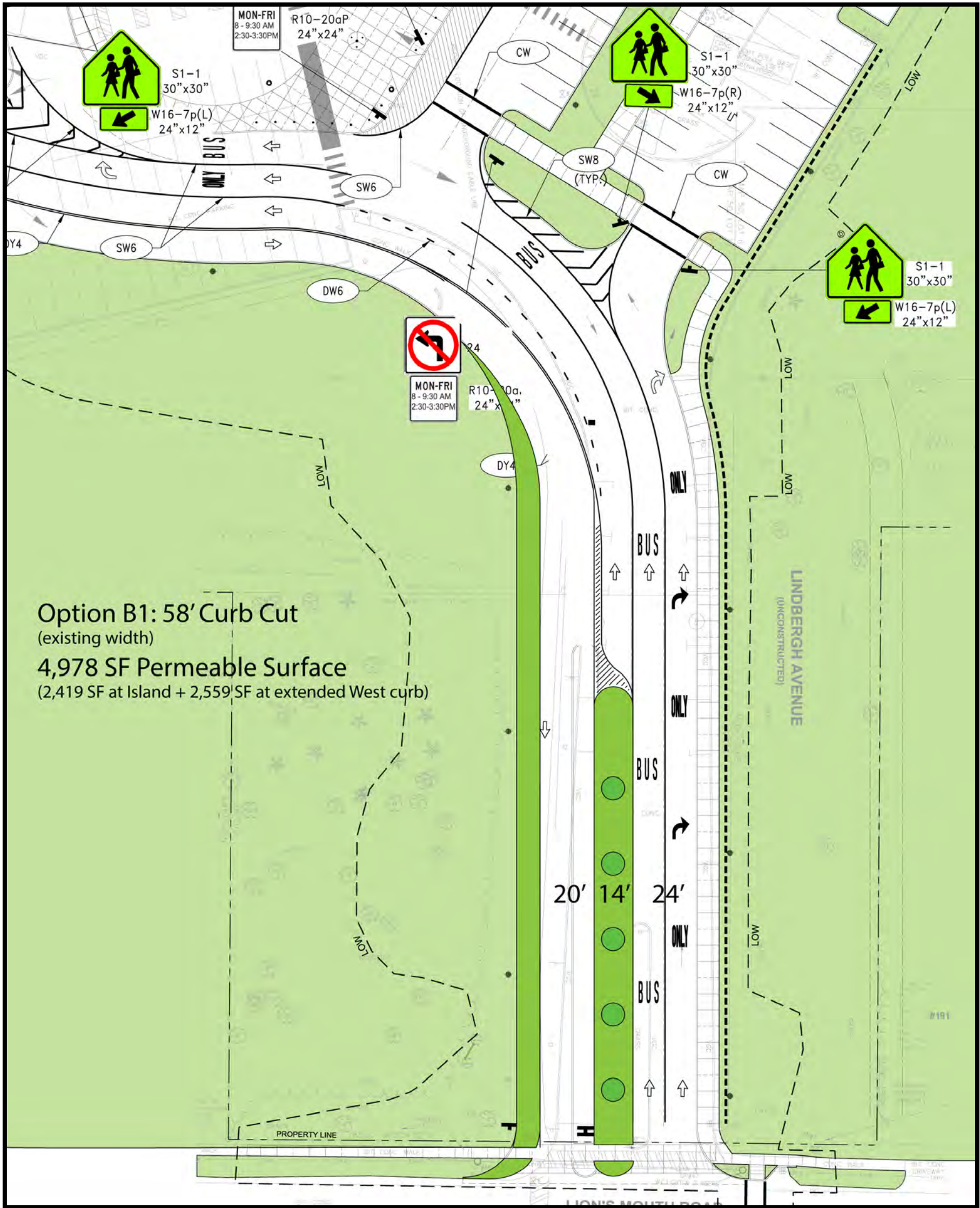


Entry Drive Design | Proposed Revision

Previously Proposed:

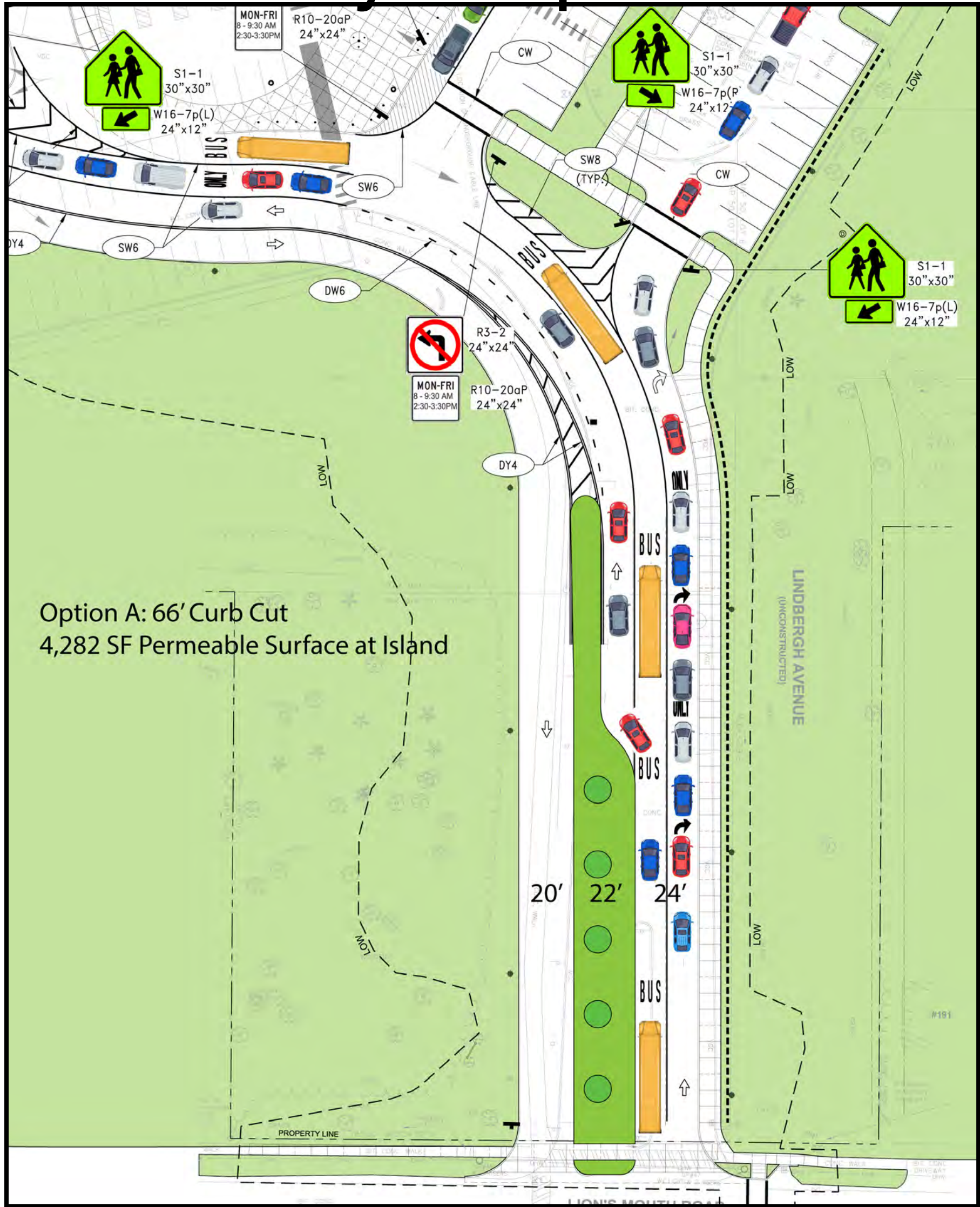


Revised:

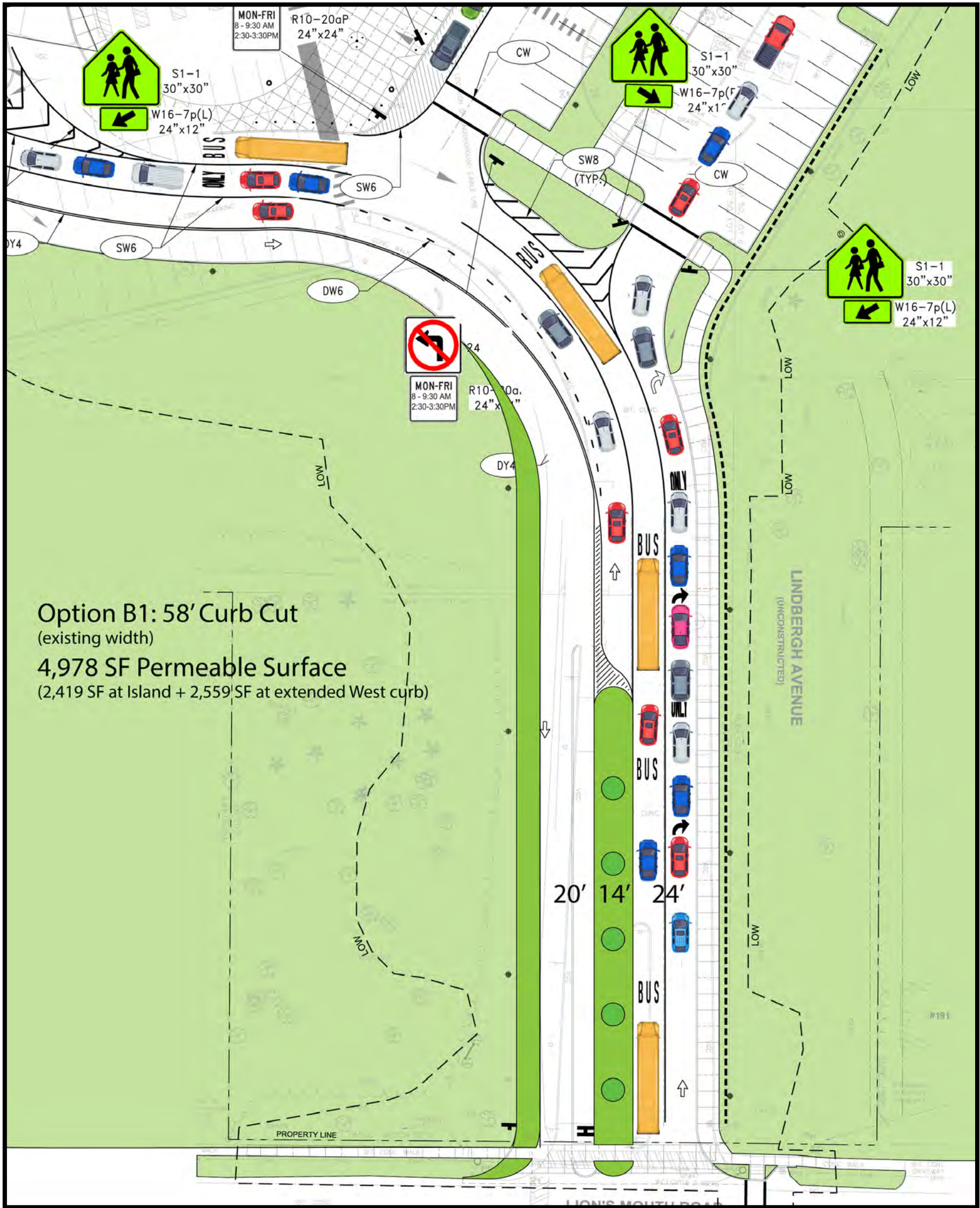


Entry Drive Design | Proposed Revision w/ Vehicles

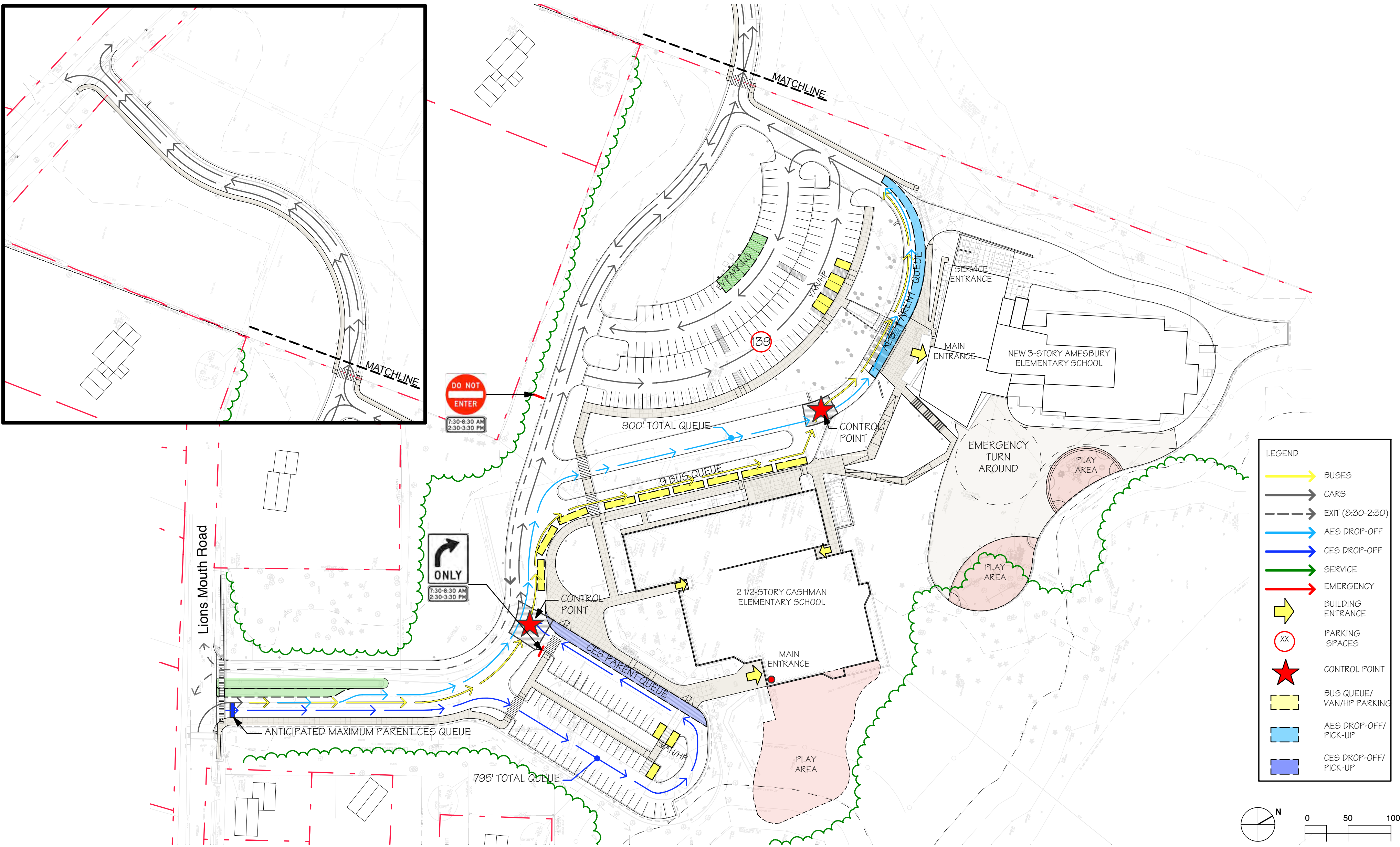
Previously Proposed:



Revised:

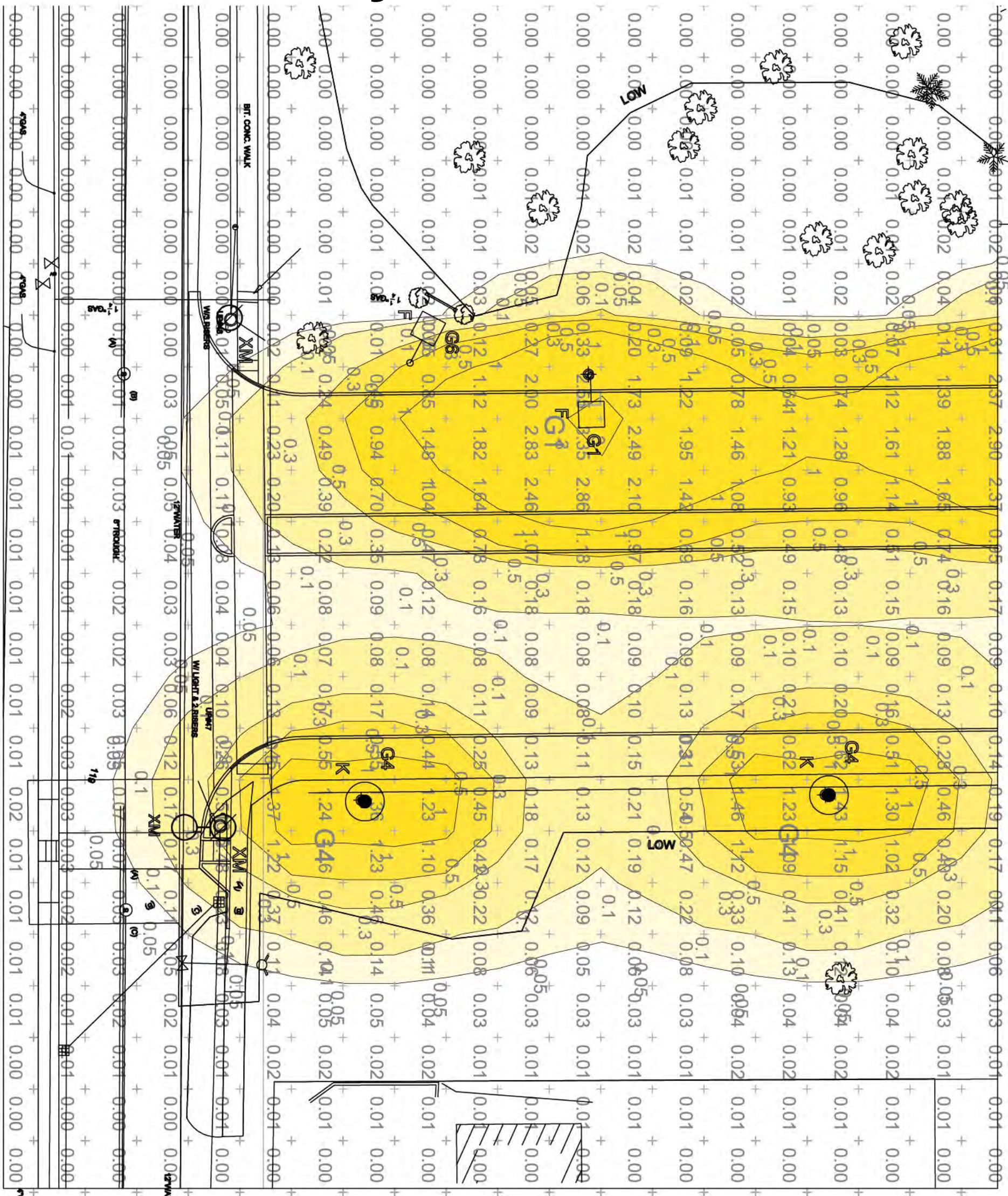


Proposed Site Plan | Vehicular Circulation

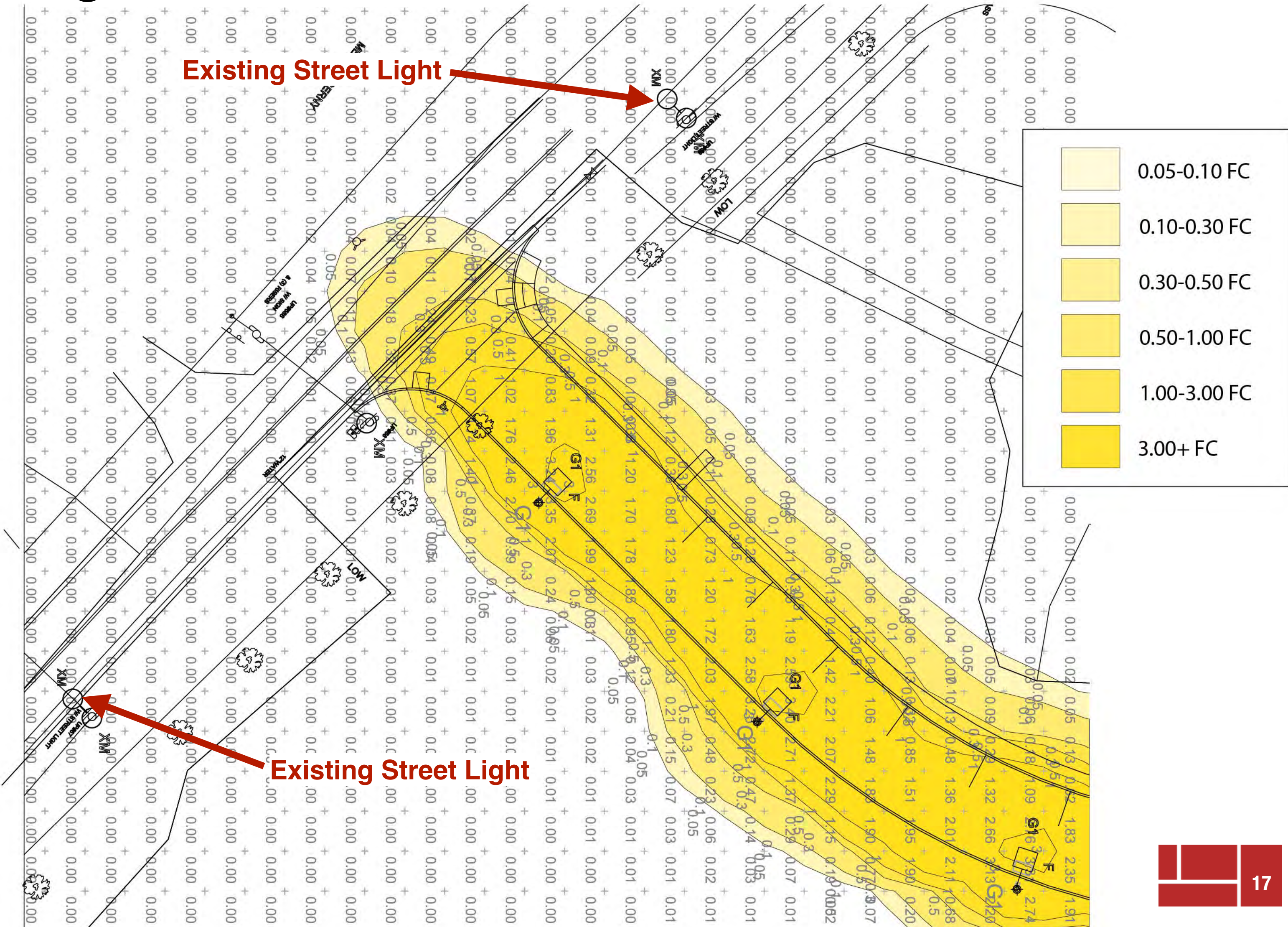


Proposed | Site Lighting Photometrics at Curb Cuts

Main Entry



Egress Drive



Projected CD/Bid Phase | Meetings & Milestones

Date	Time	Meeting/Milestone	AESBC/WG Anticipated Agenda Items	Confirmed Meeting Attendees
17-Dec-20	6:00 PM to 7:30 PM	AESBC Meeting - December		
11-Jan-21	7:00 PM	PB Site Plan Review Meeting		
12-Jan-21	7:00 PM	Cons. Comm. NOI Public Hearing (Special Meeting)		
25-Jan-21	7:00 PM	PB Site Plan Review Meeting		
26-Jan-21	7:00 PM	Cons. Comm. NOI Public Hearing (Special Meeting)		
27-Jan-21		Issue Bid Package		
28-Jan-21	6:00 PM to 7:30 PM	AESBC Meeting - January		
24-Feb-21		Filed Sub-bids Due		
25-Feb-21	6:00 PM to 7:30 PM	AESBC Meeting - February		
3-Mar-21		General Contractor Bids Due		

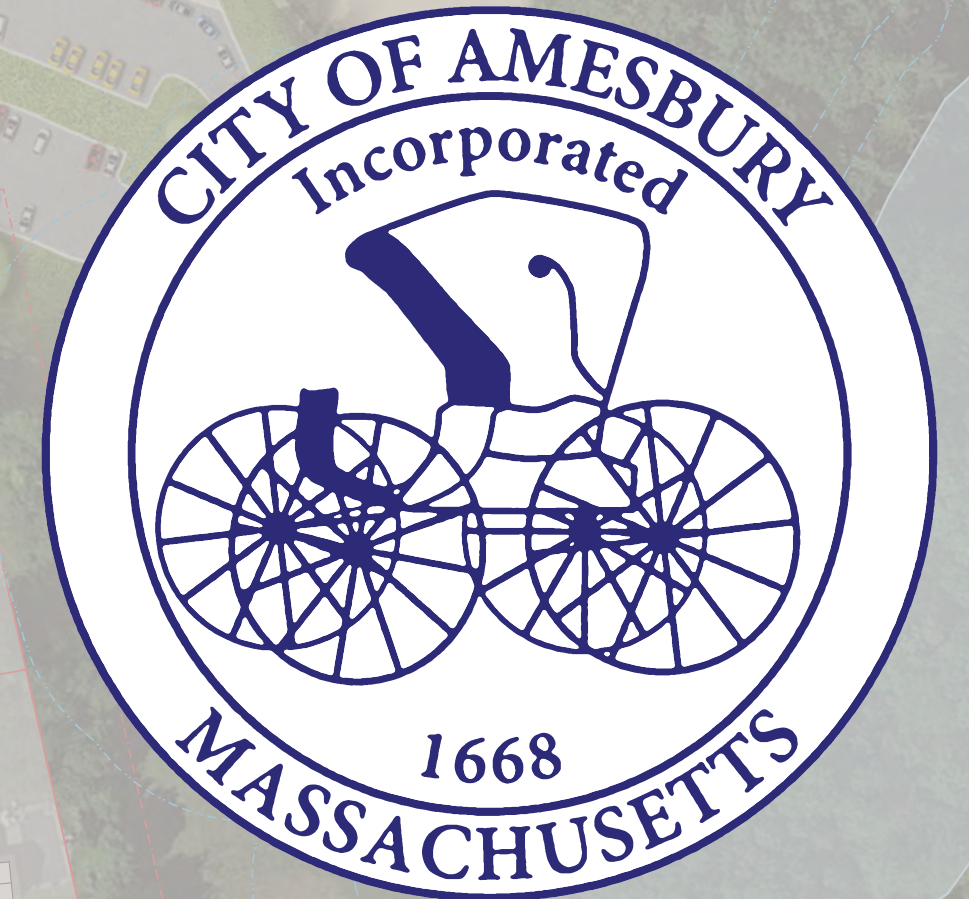
- AESBC Mtg
- Permitting
- Design Milestone
- Working Group Mtg
- Bidding Milestone

Schedule Summary

	Start	Finish	2020																																																2021											
			Feb				March				April				May				June				July				Aug				Sep				Oct				Nov				Dec				Jan				Feb				March							
			3	10	17	24	2	9	16	23	30	6	13	20	27	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23	30	7	14	21	28	4	11	18	25	1	8	15	22	1	8	15	22
Construction Documents	11-Feb-20	9-Oct-20																																																												
90% CD Docs Complete	21-Aug-20																																																													
90% Cost Est./Reconciliation Complete	11-Sep-20																																																													
Submit 90% CD Package to MSBA	21-Sep-20																																																													
100% CD Package Complete	20-Nov-20																																																													
Regulatory Review	27-Jan-20	26-Jan-21																																																												
PB Site Plan Review Mtg	24-Feb-20																																																													
Conservation Comm NOI Public Hearing	2-Mar-20																																																													
Conservation Comm NOI Public Hearing	6-Jul-20																																																													
PB Site Plan Review Mtg	16-Nov-20																																																													
Conservation Comm NOI Public Hearing	7-Dec-20																																																													
PB Site Plan Review Mtg	14-Dec-20																																																													
PB Site Plan Review Mtg	11-Jan-21																																																													
Conservation Comm NOI Public Hearing	12-Jan-21																																																													
PB Site Plan Review Mtg	25-Jan-21																																																													
Conservation Comm NOI Public Hearing	26-Jan-21																																																													
General and Filed Sub-bidder Prequalification	16-Jul-20	13-Oct-20																																																												
Bid/Award	27-Jan-21	11-Mar-21																																																												
Issue Documents to Bidders	27-Jan-21																																																													
Filed Sub-Bids Due	24-Feb-21																																																													
General Bids Due	3-Mar-21																																																													
Vote to Award	11-Mar-21																																																													
Construction/FF&E/Move	12-Mar-21	10-Feb-23																																																												
Substantial Completion	9-Dec-22																																																													
FF&E Complete	20-Jan-23																																																													
Earliest School Opening	10-Feb-23																																																													



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